SAFETY DATA SHEET
Alginate Impression Materials

Section 1. Identification

GHS product identifier : Alginate Impression Materials
Other means of identification : Identic Dust Free, Image, Kromafaze
Product type : Powder.

Relevant identified uses of the substance or mixture and uses advised against
Product use : Dental product: Impression material.
Area of application : Professional applications.

Manufacturer
DUX DENTAL Inc.
600 E. Hueneme Road
Oxnard, CA 93033
Telephone no.: 805-488-1122 or 800-833-8267
Fax no.: 800-444-5170
www.duxdental.com

Emergency telephone number (with hours of operation)
CHEMTREC® (24 hours) U.S. : 1-800-424-9300 International: +1-703-527-3887

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Health effects are based on the uncured material.

Classification of the substance or mixture
- EYE IRRITATION - Category 2A
- CARCINOGENICITY - Category 1A
- SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (bones, lungs and teeth) - Category 1
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 78% 

GHS label elements
Hazard pictograms :

Signal word : Danger
Section 2. Hazards identification

Hazard statements: Causes serious eye irritation. May cause cancer. Causes damage to organs through prolonged or repeated exposure. (bones, lungs, teeth)

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Do not breathe dust or mist. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Section 3. Composition/information on ingredients

Substance/mixture: Mixture

Other means of identification: Identic Dust Free, Image, Kromafaze

CAS number/other identifiers

CAS number: Not applicable.

Product code: 27098, 27434, 27456, 27475, 27477, 27487, 27488, 27457, 27481, 27484, 27495, 27492, 27493, 27412, 27416, 27417, 27419, 27460, 27426, 27427, 27429, 27461, 27444, 27452, 27467, 27453, 27497

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Other names</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>Not available.</td>
<td>30-60</td>
<td>14464-46-1</td>
</tr>
<tr>
<td>Alginic acid, potassium salt</td>
<td>Not available.</td>
<td>10-30</td>
<td>9005-36-1</td>
</tr>
<tr>
<td>crystalline silica respirable</td>
<td>Not available.</td>
<td>1-5</td>
<td>14808-60-7</td>
</tr>
<tr>
<td>dipotassium hexafluorotitanate</td>
<td>Not available.</td>
<td>1-5</td>
<td>16919-27-0</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact: No special measures are required. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.

Inhalation: No special measures required. If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Skin contact: No special measures required. In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur.
Section 4. First aid measures

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Get medical attention if adverse health effects persist or are severe.

Most important symptoms/effects, acute and delayed

Potential acute health effects

| Eye contact | Causes serious eye irritation. |
| Inhalation | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| Skin contact | No known significant effects or critical hazards. |
| Ingestion | No known significant effects or critical hazards. |

Over-exposure signs/symptoms

| Eye contact | Adverse symptoms may include the following: pain or irritation, watering, redness |
| Inhalation | Adverse symptoms may include the following: respiratory tract irritation, coughing |
| Skin contact | No specific data. |
| Ingestion | No specific data. |

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: No specific treatment.

Protection of first-aiders: In case of major fire and large quantities: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

| Suitable extinguishing media | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet. |

Specific hazards arising from the chemical: No specific fire or explosion hazard.
Section 5. Fire-fighting measures

**Hazardous thermal decomposition products**: Decomposition products may include the following materials:
- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Sulfur oxides
- Halogenated compounds
- Metal oxide/oxides
- Fluoride compounds

**Special protective actions for fire-fighters**: In case of major fire and large quantities: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**: Low release. For professional use only. Handling of product in very small amounts or in situations where release is highly unlikely

**For emergency responders**: Low release. See also the information in "For non-emergency personnel".

**Environmental precautions**: Low release. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

**Small spill**: Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.

**Large spill**: Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.

Section 7. Handling and storage

**Precautions for safe handling**

**Protective measures**: No special measures are required for small quantities under normal and intended conditions of product use. For professional use only. Put on appropriate personal protective equipment (see Section 8). Handle with care and dispose in a safe manner.

**Advice on general occupational hygiene**: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Date of issue/Date of revision**: 08/03/2015

**Date of previous issue**: No previous validation

**Version**: 1
## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
</table>
| cristobalite    | OSHA PEL Z3 (United States, 2/2013).  
Notes: \(1/2\frac{[250/(\%SiO2+5)]}{2}\)  
TWA: 250 MPPCF / 2 x (\%SiO2+5) 8 hours.  
Form: Respirable  
OSHA PEL Z3 (United States, 2/2013).  
Notes: \(1/2\frac{[10/(\%SiO2+2)]}{2}\)  
TWA: 10 MG/M3 / 2 x (\%SiO2+2) 8 hours.  
Form: Respirable  
TWA: 0.05 mg/m³, (as quartz) 8 hours. Form: Respirable dust  
ACGIH TLV (United States, 4/2014).  
TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction  
NIOSH REL (United States, 10/2013).  
TWA: 0.05 mg/m³ 10 hours. Form: respirable dust  
OSHA PEL Z3 (United States, 2/2013).  
Notes: \(1/2\frac{[30/(\%SiO2+2)]}{2}\)  
TWA: 30 MG/M3 / 2 x (\%SiO2+2) 8 hours.  
Form: Total dust  
OSHA PEL Z3 (United States, 2/2013).  
TWA: 250 MPPCF / (\%SiO2+5) 8 hours.  
Form: Respirable  
TWA: 10 MG/M3 / (\%SiO2+2) 8 hours. Form: Respirable  
TWA: 0.1 mg/m³, (as quartz) 8 hours. Form: Respirable dust  
ACGIH TLV (United States, 4/2014).  
TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction  
NIOSH REL (United States, 10/2013).  
TWA: 0.05 mg/m³ 10 hours. Form: respirable dust  |

| crystalline silica respirable | OSHA PEL Z3 (United States, 2/2013).  
Notes: \(1/2\frac{[250/(\%SiO2+5)]}{2}\)  
TWA: 250 MPPCF / 2 x (\%SiO2+5) 8 hours.  
Form: Respirable  
OSHA PEL Z3 (United States, 2/2013).  
Notes: \(1/2\frac{[10/(\%SiO2+2)]}{2}\)  
TWA: 10 MG/M3 / 2 x (\%SiO2+2) 8 hours.  
Form: Respirable  
TWA: 0.05 mg/m³, (as quartz) 8 hours. Form: Respirable dust  
ACGIH TLV (United States, 4/2014).  
TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction  
NIOSH REL (United States, 10/2013).  
TWA: 0.05 mg/m³ 10 hours. Form: respirable dust  |

### Appropriate engineering controls

No special measures are required for small quantities under normal and intended conditions of product use.

### Environmental exposure controls

No special measures are required for small quantities under normal and intended conditions of product use.

### Individual protection measures

#### Hygiene measures

No special measures are required for small quantities under normal and intended conditions of product use.
Section 8. Exposure controls/personal protection

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. If operating conditions cause high dust concentrations to be produced, use dust goggles.

Skin protection
Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: No special measures are required for small quantities under normal and intended conditions of product use.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: No special measures are required for small quantities under normal and intended conditions of product use.

Section 9. Physical and chemical properties

Appearance
Physical state: Solid. [Powder.]
Color: Various
Odor: Pleasant.
Odor threshold: Not available.
pH: Not available.
Melting point: Not available.
Boiling point: Not available.
Flash point: Not available.
Evaporation rate: Not available.
Flammability (solid, gas): Not applicable.
Lower and upper explosive (flammable) limits: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Relative density: Various
Solubility: Various
Solubility in water: Not available.
Partition coefficient: n-octanol/water: Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
SADT: Not available.
Viscosity: Various
Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Elevated temperature

Incompatible materials: Reactive or incompatible with the following materials: acids.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Not available.

Irritation/Corrosion
Not available.

Sensitization
Not available.

Mutagenicity
Not available.

Carcinogenicity
Not available.

Classification

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>-</td>
<td>1</td>
<td>Known to be a human carcinogen.</td>
</tr>
<tr>
<td>crystalline silica respirable</td>
<td>-</td>
<td>1</td>
<td>Known to be a human carcinogen.</td>
</tr>
</tbody>
</table>

Reproductive toxicity
Not available.

Teratogenicity
Not available.

Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Route of exposure</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>Category 1</td>
<td>Inhalation</td>
<td>lungs</td>
</tr>
<tr>
<td>crystalline silica respirable</td>
<td>Category 1</td>
<td>Inhalation</td>
<td>lungs</td>
</tr>
<tr>
<td>dipotassium hexafluorotitanate</td>
<td>Category 2</td>
<td>Not determined</td>
<td>bones and teeth</td>
</tr>
</tbody>
</table>

Aspiration hazard
Not available.

Information on the likely routes of exposure:
Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact : Causes serious eye irritation.
Inhalation : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
  pain or irritation
  watering
  redness
Inhalation : Adverse symptoms may include the following:
  respiratory tract irritation
  coughing
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure
Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure
Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects
Not available.

Conclusion/Summary : Breathing excessive silica dust for a long time can cause silicosis.
General : Causes damage to organs through prolonged or repeated exposure. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity : May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Section 11. Toxicological information

Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>17739.8 mg/kg</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil

Soil/water partition coefficient (Koc): Not available.

Other adverse effects: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Section 14. Transport information

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>IMDG</th>
<th>IATA</th>
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<tbody>
<tr>
<td>UN proper shipping name</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Transport hazard class(es)</td>
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<tr>
<td>Packing group</td>
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Date of issue/Date of revision: 08/03/2015  Date of previous issue: No previous validation  Version: 1
Section 14. Transport information

<table>
<thead>
<tr>
<th>Environmental hazards</th>
<th>No.</th>
<th>No.</th>
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</thead>
<tbody>
<tr>
<td>Additional information</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Special precautions for user: Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

Section 15. Regulatory information

U.S. Federal regulations: United States inventory (TSCA 8b): All components are listed or exempted. Clean Water Act (CWA) 307: polychloro copper phthalocyanine; Boron zinc hydroxide oxide. Clean Water Act (CWA) 311: trisodium orthophosphate; Formaldehyde; Boron zinc hydroxide oxide.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602 Class I Substances: Not listed.

Clean Air Act Section 602 Class II Substances: Not listed.

DEA List I Chemicals (Precursor Chemicals): Not listed.

DEA List II Chemicals (Essential Chemicals): Not listed.

SARA 302/304

<table>
<thead>
<tr>
<th>Composition/information on ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Formaldehyde</td>
</tr>
</tbody>
</table>

SARA 304 RQ: 63492063.5 lbs / 28825396.8 kg

SARA 311/312

<table>
<thead>
<tr>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate (acute) health hazard</td>
</tr>
<tr>
<td>Delayed (chronic) health hazard</td>
</tr>
</tbody>
</table>

Composition/information on ingredients
Section 15. Regulatory information

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Fire hazard</th>
<th>Sudden release of pressure</th>
<th>Reactive</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>30-60</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
<tr>
<td>crystalline silica respirable</td>
<td>1-5</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
<tr>
<td>dipotassium hexafluorotitanate</td>
<td>1-5</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
</tbody>
</table>

SARA 313

<table>
<thead>
<tr>
<th>Product name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form R - Reporting requirements</td>
<td>Boron zinc hydroxide oxide</td>
<td>138265-88-0</td>
</tr>
<tr>
<td>Supplier notification</td>
<td>Boron zinc hydroxide oxide</td>
<td>138265-88-0</td>
</tr>
</tbody>
</table>

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts: The following components are listed: SILICA, CRYSTALLINE, QUARTZ; CRISTOBALITE DUST

New York: None of the components are listed.

New Jersey: The following components are listed: COPPER compounds; GYPSUM; SILICA, QUARTZ; QUARTZ (SiO2); ZINC compounds; SILICA, CRISTOBALITE; CRISTOBALITE (SiO2)

Pennsylvania: The following components are listed: COPPER COMPOUNDS; GYPSUM (CA(SO4).2H2O); QUARTZ (SiO2); ZINC COMPOUNDS; CRISTOBALITE (SiO2); SILICA AMORPHOUS DIATOMACEOUS EARTH (UNCALCINED)

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Cancer</th>
<th>Reproductive</th>
<th>No significant risk level</th>
<th>Maximum acceptable dosage level</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>Yes.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>crystalline silica respirable</td>
<td>Yes.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>Yes.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
</tbody>
</table>

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health: * 2
Flammability: 0
Physical hazards: 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

United States
The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**

- Flammability
- Health
- Instability/Reactivity
- Special

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**History**

<table>
<thead>
<tr>
<th>Date of issue/Date of revision</th>
<th>08/03/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of previous issue</td>
<td>No previous validation</td>
</tr>
<tr>
<td>Version</td>
<td>1</td>
</tr>
<tr>
<td>Key to abbreviations</td>
<td>ATE = Acute Toxicity Estimate</td>
</tr>
<tr>
<td></td>
<td>GHS = Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td></td>
<td>IATA = International Air Transport Association</td>
</tr>
<tr>
<td></td>
<td>IBC = Intermediate Bulk Container</td>
</tr>
<tr>
<td></td>
<td>IMDG = International Maritime Dangerous Goods</td>
</tr>
<tr>
<td></td>
<td>LogPow = logarithm of the octanol/water partition coefficient</td>
</tr>
<tr>
<td></td>
<td>UN = United Nations</td>
</tr>
</tbody>
</table>

**References**

- HCS (U.S.A.)- Hazard Communication Standard |
- International transport regulations

▶ Indicates information that has changed from previously issued version.

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.